

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20494	beads and polymer and (embedded encapsulated)	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 19:42
S2	12320	beads and polymer and (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 15:17
S3	549	beads same polymer same (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 10:46
S4	114	beads same polymer same (embedded encapsulated) and (biomolecules analytes ligand) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:40
S5	1	beads same polymer same (embedded encapsulated) and (biomolecules analytes ligand receptor) and (hydroxyalkylacrylate alkylacrylamide) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 11:27
S6	25	beads same polymer same (embedded encapsulated) and (biomolecules analytes ligand receptor) and (hydrogel) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 11:28
S7	746	(particle beads microspheres microparticles nanospheres) same polymer same (embedded encapsulated) and (biomolecules analytes ligand receptor) and (hydrogel) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 11:28
S8	746	((particle beads microspheres microparticles nanospheres) same polymer same (embedded encapsulated)) and (biomolecules analytes ligand receptor) and (hydrogel) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 13:37
S9	28	((particle beads microspheres microparticles nanospheres) same polymer same (embedded encapsulated)) and (biomolecules analytes ligand receptor) and (alkylacrylamide hydroxyalkylacrylate) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 11:29

## EAST Search History

S10	1717	((particle beads microspheres microparticles nanospheres) same (hydrogel polymer) same (embedded encapsulated)) and (biomolecules analytes ligand receptor) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 13:41
S11	52	((particle beads microspheres microparticles nanospheres) same (hydrogel polymer) same (embedded encapsulated)) and (biomolecules analytes ligand receptor) and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/13 14:34
S12	31	"6251691"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 14:22
S13	39	"5770721"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 14:27
S14	32	"5281370"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/17 14:47
S15	20	"5281370" and (protein peptide nucleic oligonucleotide polynucleotide DNA)	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 14:53
S16	107	((particle beads microspheres microparticles nanospheres) same (hydrogel polymer) same (embedded encapsulated immobilized)) and (biomolecules analytes ligand receptor) and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:28
S17	34705	electrophoresis and (bead microsphere particle) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:28
S18	32630	(gel hydrogel polymer) and electrophoresis and (bead microsphere particle) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:29
S19	28077	(gel hydrogel polymer) and electrophoresis and (bead microsphere particle) and (immobilized immobilizing bound bind) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:29

## EAST Search History

S20	27712	(gel hydrogel polymer) and electrophoresis and (bead microsphere particle) and (immobilized immobilizing bound bind) and (peptide protein nucleic dna rna oligonucleotide) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:30
S21	10079	(gel hydrogel polymer) and electrophoresis and (bead microsphere particle) and (immobilized immobilizing bound bind) and (peptide protein nucleic dna rna oligonucleotide) and magnetic not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:30
S23	3831	(gel hydrogel polymer) and electrophoresis and ((bead microsphere particle) same (immobilized immobilizing bound bind) same (peptide protein nucleic dna rna oligonucleotide)) and magnetic and label not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:31
S24	1371	(gel hydrogel polymer) and electrophoresis and ((magnetic with (bead microsphere particle)) same (immobilized immobilizing bound bind) same (peptide protein nucleic dna rna oligonucleotide)) and magnetic and label not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 16:56
S25	125	(gel hydrogel polymer) and electrophoresis and ((magnetic with (bead microsphere particle)) same (immobilized immobilizing bound bind) same (peptide protein nucleic dna rna oligonucleotide)) and magnetic and crosslink not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:40
S26	39	"5770721"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:44
S27	1679	(embedded with (microspheres particles bead)) same (hydrogel polymer) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 18:45
S28	373	(dna ligand protein peptide nucleic antibody) and ((embedded with (microspheres particles bead)) same (hydrogel polymer)) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 19:35

## EAST Search History

S29	125	(dna ligand protein peptide nucleic antibody) and ((embedded with (microspheres particles bead)) same (hydrogel polymer)) and ((microsphere bead particle) with magnetic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 19:18
S31	2	(dna ligand protein peptide nucleic antibody) and ((embedded with (microspheres particles bead)) same ((hydrogel polymer) with layer)) and ((microsphere bead particle) with magnetic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 19:19
S32	1	"6531323"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 19:37
S33	38	"4118192"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 19:46
S35	14	"4889797"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 19:48
S36	3	"5006458"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/18 19:48
S37	1	"6872577"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 14:49
S38	39	"4620977"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:20
S39	3	"6682649"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:20
S40	121	"5560811"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:27
S41	14	"6387707"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:30
S42	1	"20020132221"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:36
S43	8	bead near electrophoresis	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:38
S44	32	"6086825"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:38

## EAST Search History

S45	77	"6103199"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:41
S46	368	bead with (hydrogel polymer) with composite	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:41
S47	268	bead with (hydrogel polymer) with composite not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:42
S48	110	(ligand receptor dna nucleic peptide protein antibody hapten) and (bead with (hydrogel polymer) with composite) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 15:57
S49	40	(ligand receptor dna nucleic peptide protein antibody hapten) and (bead with (hydrogel polymer) with composite) and silicon not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 17:03
S50	25	"6327410"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 16:57
S51	57	(ligand receptor dna nucleic peptide protein antibody hapten) and (bead with (hydrogel polymer) with composite) and magnetic not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 17:20
S52	21	(magnetic with (bead particle microsphere) with (embedded encapsulated) with (polymer gel hydrogel)) and ((polymer gel hydroge) with (hydrophillic hydrophilic)) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/19 17:27
S53	27	(magnetic with (bead particle microsphere) with (embedded encapsulated suspended) with (polymer gel hydrogel)) and ((polymer gel hydroge) with (hydrophillic hydrophilic)) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 13:34
S60	48	"4520182"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:14
S61	91	hydrogel and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:29
S62	31	(magnetic with (bead particle microsphere)) and hydrogel and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:51

## EAST Search History

S63	84	(cell vesicle) and hydrogel and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:33
S64	71	(cell vesicle) and (encapsulated covered embedded) and hydrogel and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:35
S65	26	(cell vesicle) with (encapsulated covered embedded) and hydrogel and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:36
S66	27	(cell vesicle) same (encapsulated covered embedded) and hydrogel and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:36
S67	195	(cell vesicle) same (encapsulated covered embedded) and (polymer hydrogel) and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:36
S68	127	(cell vesicle) with (encapsulated covered embedded) and (polymer hydrogel) and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:39
S69	115	(cell vesicle) with (encapsulated covered embedded) and (gel hydrogel) and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:41
S70	14	"3998525"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 15:41
S71	165	(cell with (encapsulated embedded)) and (silicon near chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 16:22
S72	320	(cell with (encapsulated embedded)) and (silicon with chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 16:23
S73	143	(cell with (encapsulated embedded)) and polymer and (silicon with chip) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 17:34
S74	1	"20020166766"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 17:34
S75	1	"20030082587"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 17:35
S76	39	seul and polymer and bead	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 17:55

## EAST Search History

S77	5	"6730575"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/20 17:56
S78	705	(labeled with beads) and polymer and (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 15:17
S79	691	binding and (labeled with beads) and polymer and (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 15:21
S80	237	binding and (labeled with beads) and (hydrophilic with polymer) and (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 16:41
S81	25	binding and (label with (microsphere beads)) and (hydrophilic with polymer) and (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 17:05
S82	42	binding and (multiple with label) and (label with (microsphere beads)) and (polymer) and (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 17:09
S83	140	binding and (multiple with label) and (label with (microsphere beads)) and (polymer) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 17:16
S84	31	"6327410"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 17:13
S85	122	binding and (multiple with label) and (label with (microsphere beads)) and (polymer) and color not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/04 17:16
S86	237	(labeled with (microspheres beads)) and hydrogel not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/06 18:50
S87	46	"5567627"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/07 16:20
S88	31	"6327410"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 13:14
S89	1	"6327410" and hydrogel	US-PGPUB; USPAT; EPO	OR	ON	2005/11/07 13:51

## EAST Search History

S90	1	"6897271"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/07 16:43
S91	36	"6251691"	US-PGPUB; USPAT; EPO	OR	ON	2005/11/07 16:43
S92	2	mask and patterning and microfluidic and (particle with polymer with film) not @ay>"2000"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 11:42
S93	14	mask and patterning and microfluidic and (particle with polymer) not @ay>"2000"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 11:44
S94	534	mask and patterning and (particle with polymer) not @ay>"2000"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 11:44
S95	35	mask and patterning and (particle with polymer with composite) not @ay>"2000"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 12:39
S96	12	mask and patterning and (particle with polymer with composite) and lithography not @ay>"2000"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 12:40
S97	143	mask and patterning and (particle with polymer) and lithography not @ay>"2000"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 12:40
S98	2	mask and patterning and (particle with polymer) and lithography and microfluidic not @ay>"2000"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 12:40
S99	2	"6514688"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 13:24
S10 0	12	"6572830"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 13:24
S10 1	1	"6548311"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 17:42
S10 2	37	"5284144"	US-PGPUB; USPAT; EPO	OR	ON	2005/12/08 17:43
S10 3	38	"6327410"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/03 13:02
S10 4	40	"5552272"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 14:40



## EAST Search History

S10 5	219	hydrogel and labeled with beads not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 15:31
S10 6	0	hydrogel and labeled with beads and seul not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 15:31
S10 7	12	polymer and labeled with beads and seul not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 15:36
S10 8	3	10/034727	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 15:36
S10 9	472	polymer and encapsulated and (labeled with beads) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 15:37
S11 0	466	polymer and encapsulated and (labeled with beads) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:21
S11 1	31	polymer and (encapsulated with beads) and (labeled with beads) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:22
S11 2	0	(polymer with encapsulated with beads with layer) and (labeled with beads) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:22
S11 3	14	(polymer with layer) and (encapsulated with beads) and (labeled with beads) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:22
S11 4	0	(polymer with layer) and (embedded with beads) and (labeled with beads) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:23
S11 5	0	(polymer with layer) and (enbed with beads) and (labeled with beads) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:23
S11 6	18	(polymer with layer) and ((embed embedded) with beads) and (labeled with beads) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:24

## EAST Search History

S11 7	60	polymer and ((embed embedded) with beads) and (labeled with beads) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:25
S11 8	113	polymer and ((embed embedded) with microspheres) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:26
S11 9	287	(polymer with layer) and ((embed embedded) with (microparticles particles beads microspheres)) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:42
S12 0	103	(polymeric with layer) and ((embed embedded) with (microparticles particles beads microspheres)) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 16:51
S12 1	272	(polymeric with (matrix layer)) and ((embed embedded) with (microparticles particles beads microspheres)) and (ligand peptide protein polypeptide nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 17:03
S12 2	30	"6117643"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 17:14
S12 3	1494	(embedded with (microspheres nanospheres microparticle nanoparticle particle beads microbead)) same (polymer with (layer film coating matrix))	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 17:42
S12 4	940	(embedded with (microspheres nanospheres microparticle nanoparticle particle beads microbead)) same (polymer with (layer film coating matrix)) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 17:43
S12 5	417	(embedded with (microspheres nanospheres microparticle nanoparticle particle beads microbead)) same (polymer with (layer film coating matrix)) and support not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 17:45

## EAST Search History

S12 6	55	(embedded with (microspheres nanospheres microparticle nanoparticle particle beads microbead)) same (polymer with (layer film coating matrix)) and support and binding and label not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 17:45
S12 7	57	(embedded with (microspheres nanospheres microparticle nanoparticle particle beads microbead)) same (polymer with (layer film coating matrix)) and support and (immobilized binding immobilizing bind) and label not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/04 17:46
S12 8	12567	beads and polymer and (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 19:48
S12 9	4937	beads and (polymer with (layer matrix)) and (embedded encapsulated) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 19:48
S13 0	2153	beads and (polymer with (layer matrix)) and (embedded encapsulated) and (DNA RNA oligonucleotides nucleic) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 19:49
S13 1	1784	beads and (polymer with (layer matrix)) and (embedded encapsulated) and (DNA RNA oligonucleotides nucleic) and (label probe) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 20:13
S13 2	1752	beads and (polymer with (layer matrix)) and (embedded encapsulated) and (DNA RNA oligonucleotides nucleic) and (binding immobilized) and (label probe) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 20:19
S13 3	909	beads and (polymer with (layer matrix)) and (polymerized polymerization) and (embedded encapsulated) and (DNA RNA oligonucleotides nucleic) and (binding immobilized) and (label probe) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 20:21
S13 4	44	(beads with (embedded encapsulated))and (polymer with (layer matrix)) and (polymerized polymerization) and (DNA RNA oligonucleotides nucleic) and (binding immobilized) and (label probe) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 20:39

## EAST Search History

S13 5	163	((particle beads) with (embedded encapsulated))and (polymer with (layer matrix)) and (polymerized polymerization) and (DNA RNA oligonucleotides nucleic) and (binding immobilized) and (label probe) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/09 20:40
S13 6	150	((particle) with (embedded encapsulated))and (polymer with (layer matrix)) and (polymerized polymerization) and (DNA RNA oligonucleotides nucleic) and (binding immobilized) and (label probe) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:03
S13 8	14	"5916641"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 18:07
S13 9	41	"5221417"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:21
S14 0	1	"5221417" and binding	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:21
S14 1	0	"5221417" and analyte	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:21
S14 2	2	"5916641" and binding	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:22
S14 3	0	"5916641" and analyte	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:27
S14 4	1	"6531323"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 15:00
S14 5	86	"5772889"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:41
S14 6	58659	chromatography and gel and (bead particle) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:41
S14 7	24610	chromatography and gel and (bead particle) and labeled not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:41
S14 8	1588	chromatography and gel and (bead particle) and labeled and polymerized not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:41

## EAST Search History

S15 0	1443	chromatography and gel and (bead particle) and labeled and polymerized and (peptide protein nucleic DNA) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:42
S15 1	1374	chromatography and gel and (bead particle) and labeled and polymerized and (peptide protein nucleic DNA) and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:42
S15 2	643	chromatography and gel and (bead particle) and labeled and polymerized and (peptide protein nucleic DNA) and binding and hydrophilic not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/10 18:44
S15 3	14	chromatography and gel and ((bead particle) with embedded) and labeled and polymerized and (peptide protein nucleic DNA) and binding and hydrophilic not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:05
S15 4	13	"6322968"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 15:16
S15 6	23	"6440725"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 15:17
S15 7	39	electropolymerization and (particle bead microsphere) and embedded not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:12
S15 8	2	electropolymerization and (magnetic with (particle bead microsphere)) and embedded not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:12
S15 9	1	electropolymerization and label and (magnetic with (particle bead microsphere)) and embedded not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:14
S16 0	440	polymerization and label and (magnetic with (particle bead microsphere)) and embedded not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:14
S16 1	214	channel and polymerization and label and (magnetic with (particle bead microsphere)) and embedded not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:20
S16 2	6	channel and polymerization and label and (magnetic with (particle bead microsphere)) with embedded not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:32

## EAST Search History

S16 3	5	channel and (porous with matrix) and label and ((magnetic with (particle bead microsphere)) with embedded) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:33
S16 4	38	channel and (porous with matrix) and label and (((particle bead microsphere)) with embedded) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 17:33
S16 5	1	"6790378"	US-PGPUB; USPAT; EPO	OR	ON	2006/05/11 14:56
S16 6	517	array with particle and assay and (label probe) and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 18:09
S16 7	431	array with particle and assay and (label probe) and binding and (polymer polymerization polymerizing) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 18:26
S16 8	325	channel with particle and assay and (label probe) and binding and (polymer polymerization polymerizing) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 18:50
S16 9	7	(channel with (porous with polymer)) and particle and assay and (label probe) and binding and (polymer polymerization polymerizing) not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 18:31
S17 0	7	(channel with (porous with polymer)) and particle and assay and (label probe) and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 18:31
S17 1	11	(channel with (porous with polymer)) and (bead particulate microsphere) and assay and (label probe) and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 18:32
S17 2	2	"6514688"	US-PGPUB; USPAT; EPO	OR	ON	2006/04/11 18:50
S17 3	3	10/034727	US-PGPUB; USPAT; EPO	OR	ON	2006/04/13 14:34
S17 4	13	"6585939"	US-PGPUB; USPAT; EPO	OR	ON	2006/05/11 14:52
S17 5	6	"6268219"	US-PGPUB; USPAT; EPO	OR	ON	2006/05/11 14:52

## EAST Search History

S17 6	1	"6887701"	US-PGPUB; USPAT; EPO	OR	ON	2006/05/11 14:56
S17 7	40	"6327410"	US-PGPUB; USPAT; EPO	OR	ON	2006/05/11 15:19
S17 8	29	microspheres with embedded and encoded not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 16:30
S17 9	12	microspheres with embedded and encoded and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:19
S18 0	145	microspheres with embedded and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:20
S18 1	65	microspheres with embedded and polymerized and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:32
S18 2	31	microspheres with embedded and polymerized and array and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:33
S18 3	21	bead with embedded and polymerized and array and binding not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:40
S18 4	40	"4997772"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:38
S18 5	5	"4997772" and (embed encapsulated)	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:38
S18 6	1	"6991941"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:40
S18 7	2	"6391553"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:41
S18 8	16	"6391558"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:41
S18 9	111	embedded with beads and polymerized not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:41
S19 0	86	embedded with beads and polymerized and layer not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:47

## EAST Search History

S19 1	17	"5128006"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:50
S19 2	4457	embedded with particles and polymer not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:50
S19 3	88	embedded with particles and polymer and array and binding and label not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 18:57
S19 4	49	bead with array and (encapsulated embedded) and polymerized and label not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 19:41
S19 5	49	"6327410"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 19:08
S19 6	621	self with supporting with polymer with film not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 19:42
S19 7	22924	self with supporting with polymer with film array and assay not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 19:42
S19 8	4	self with supporting with polymer with film and array and assay not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2007/02/01 19:42